09752570 .122900

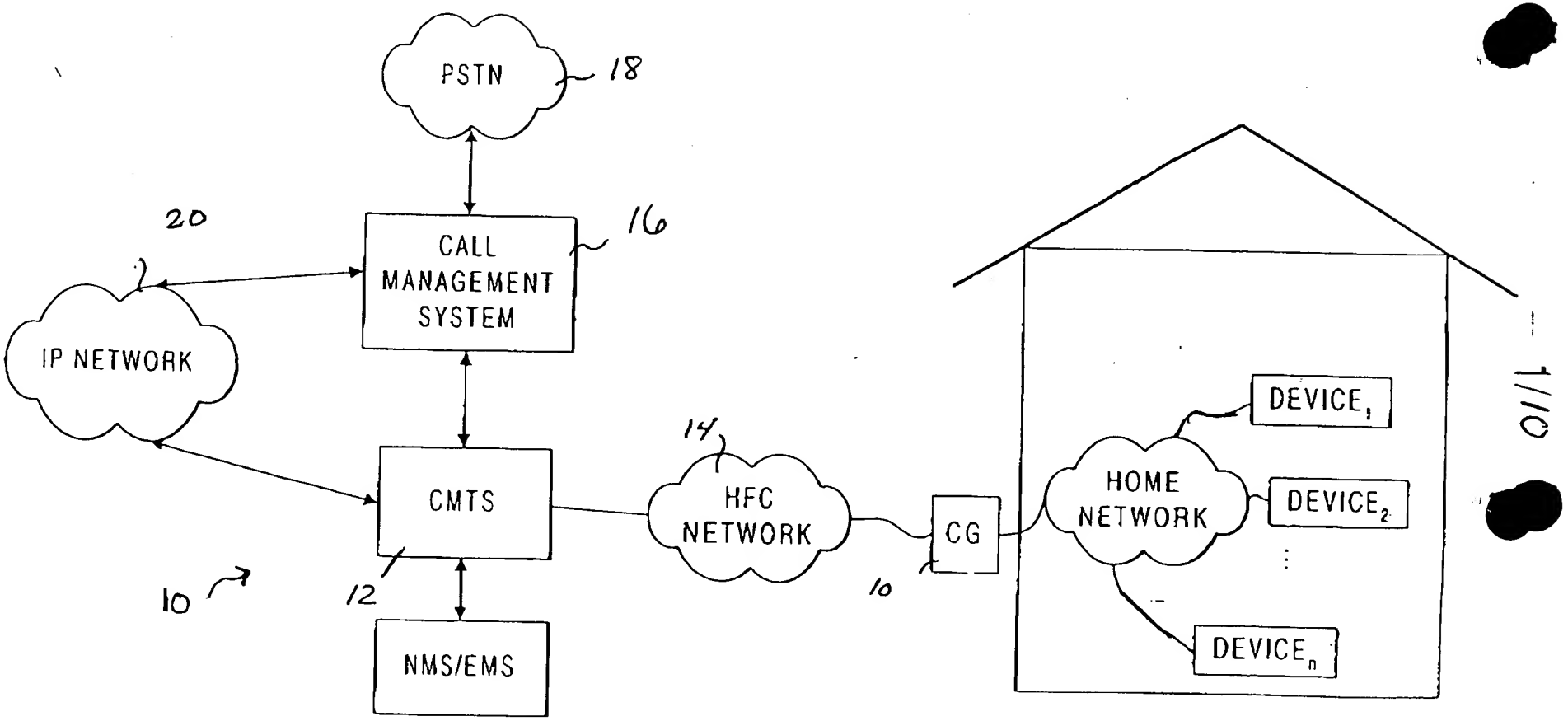


FIG. 1

09752570 "122900

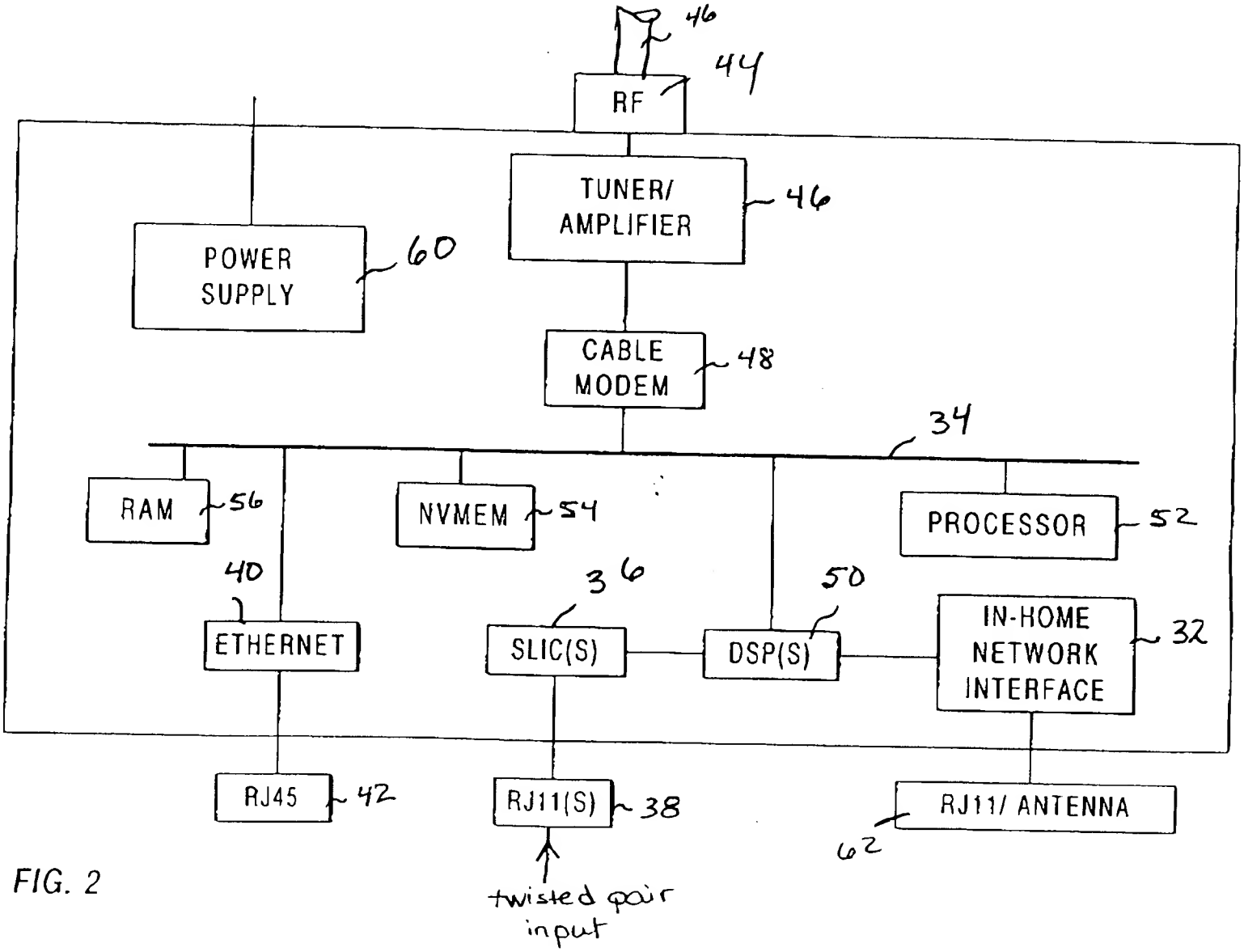


FIG. 2

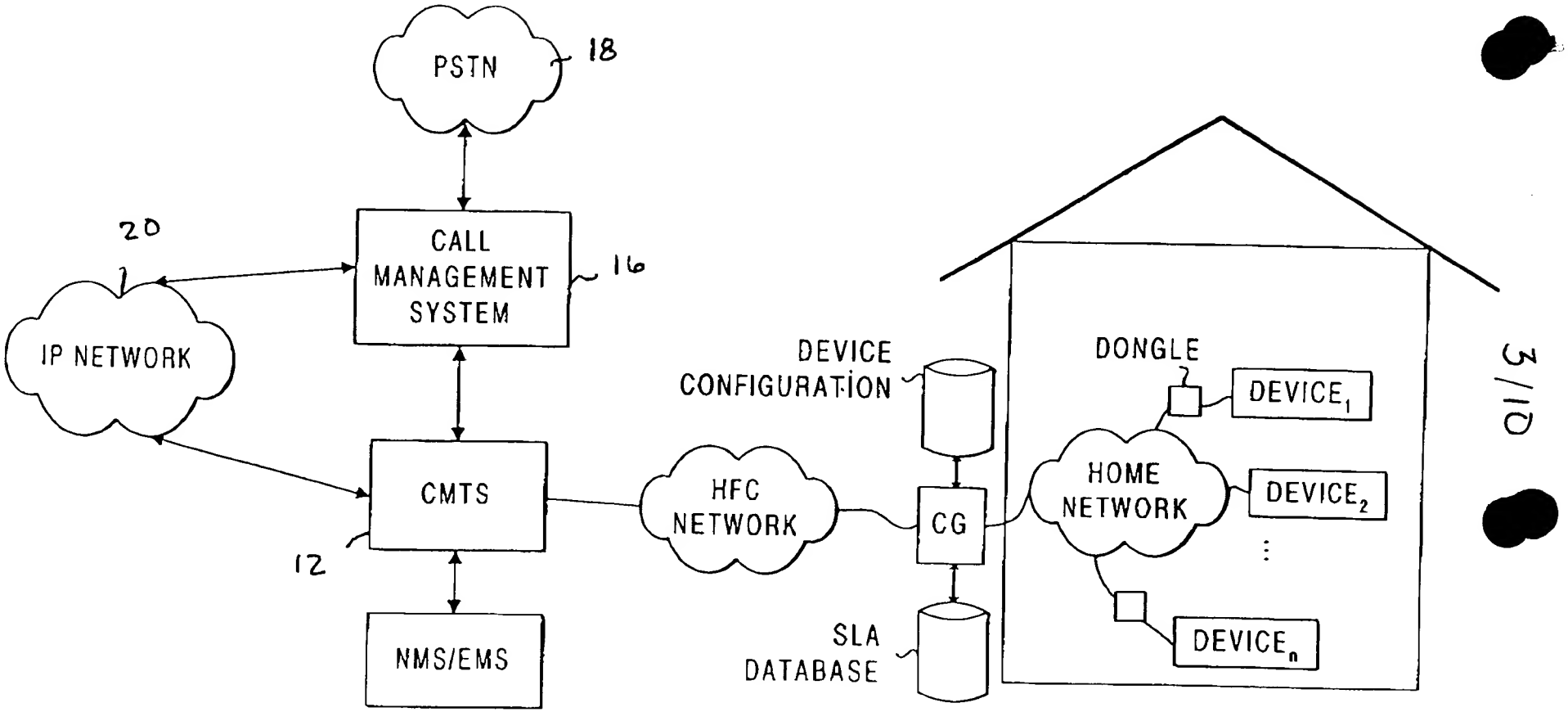

PSTN
18
20
CALL MANAGEMENT SYSTEM
16
IP NETWORK
CMTS
12
NMS/EMS
HFC NETWORK
DEVICE CONFIGURATION
CG
SLA DATABASE
DONGLE
HOME NETWORK
DEVICE1
DEVICE2
DEVICEn

Fig. 3

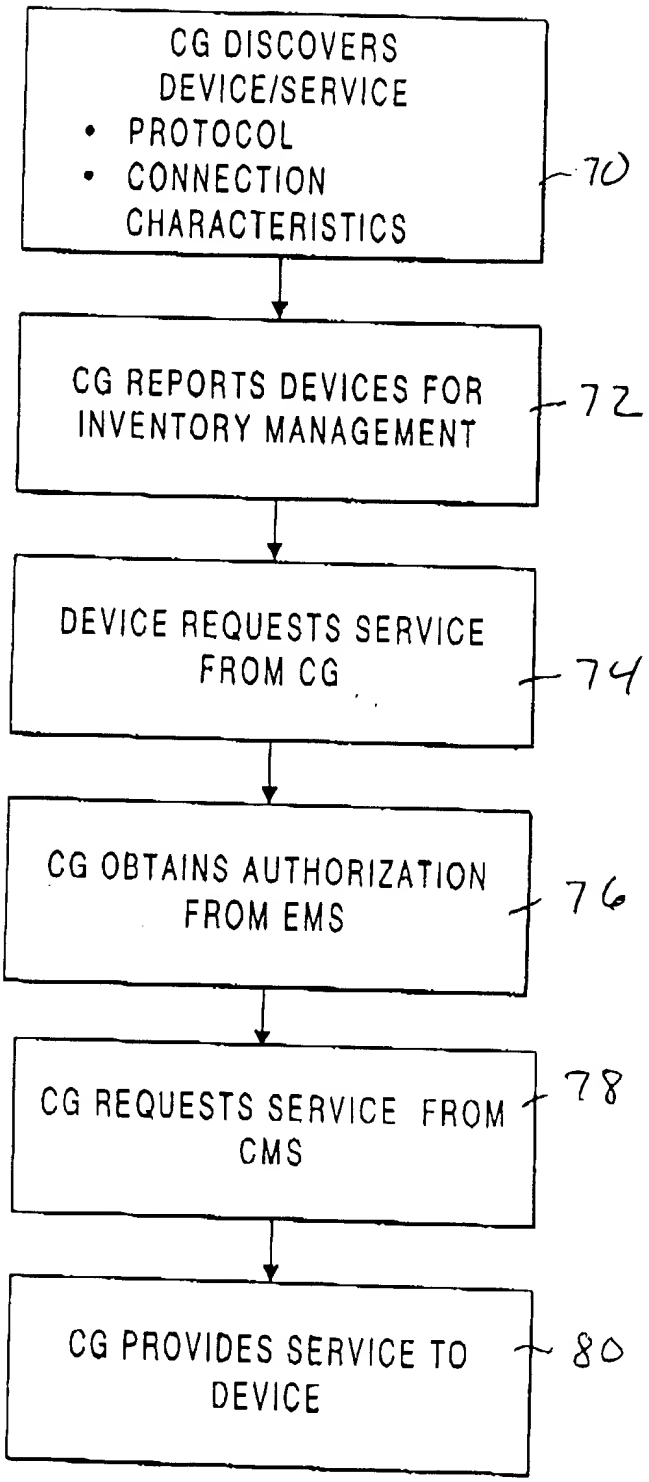


Fig. 4

09752270 - 112900

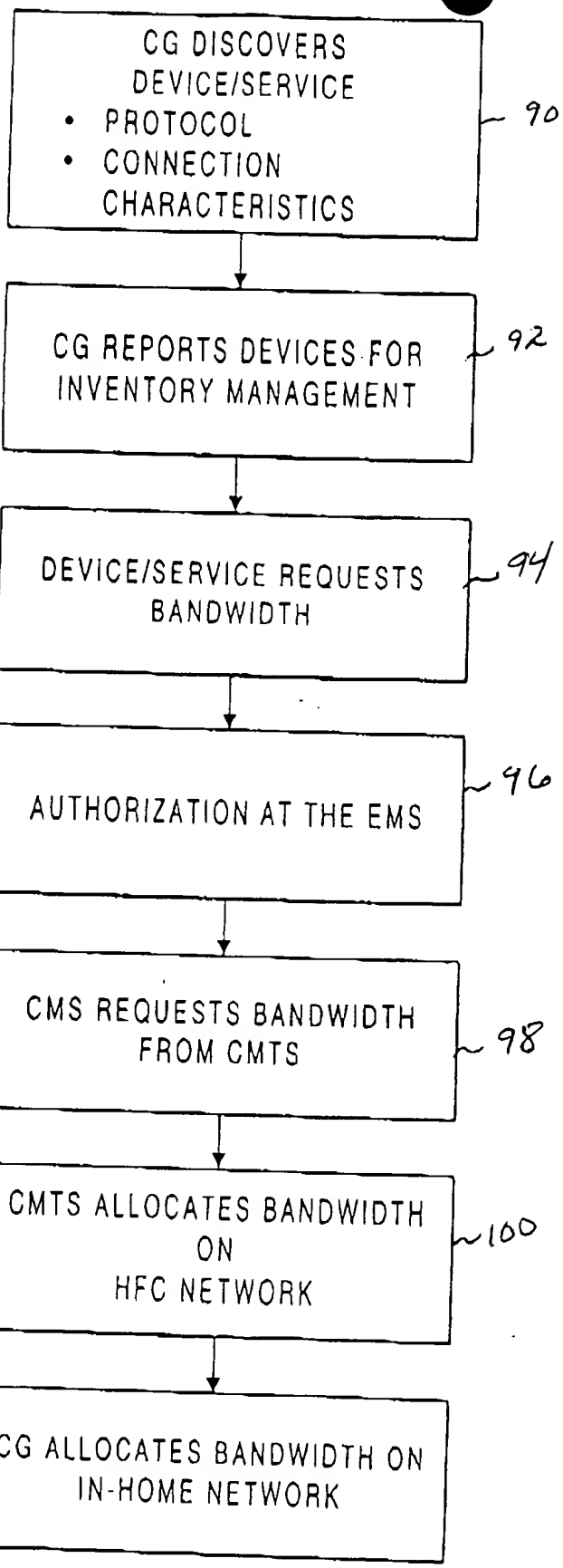


FIG. 5

09752570 - 120900

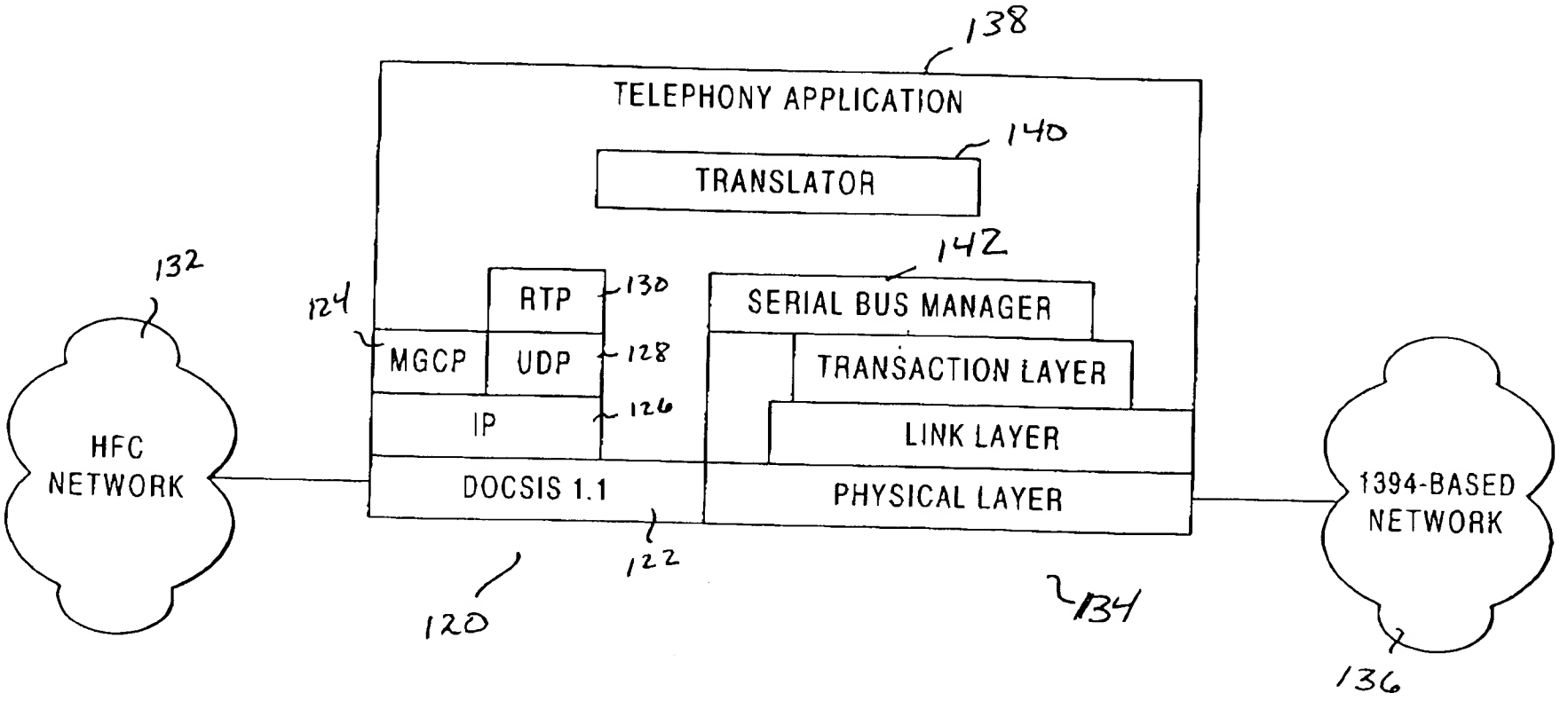

138
TELEPHONY APPLICATION
140
TRANSLATOR
142
SERIAL BUS MANAGER
TRANSACTION LAYER
LINK LAYER
PHYSICAL LAYER
RTP
130
MGCP
UDP
128
IP
126
DOCSIS 1.1
122
124
132
HFC NETWORK
120
134
1394-BASED NETWORK
136

FIG. 6

FIG. 6

006227 07525760

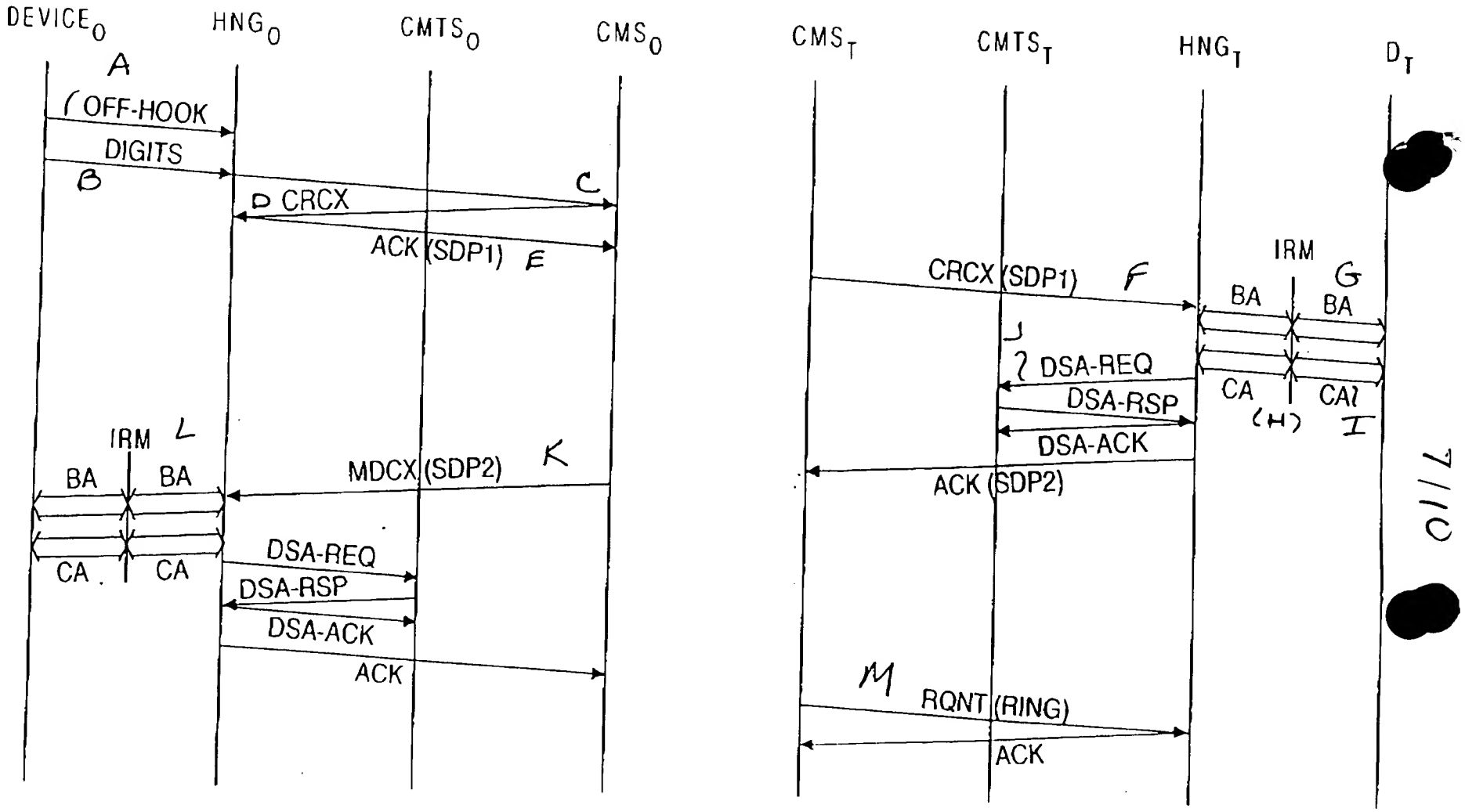
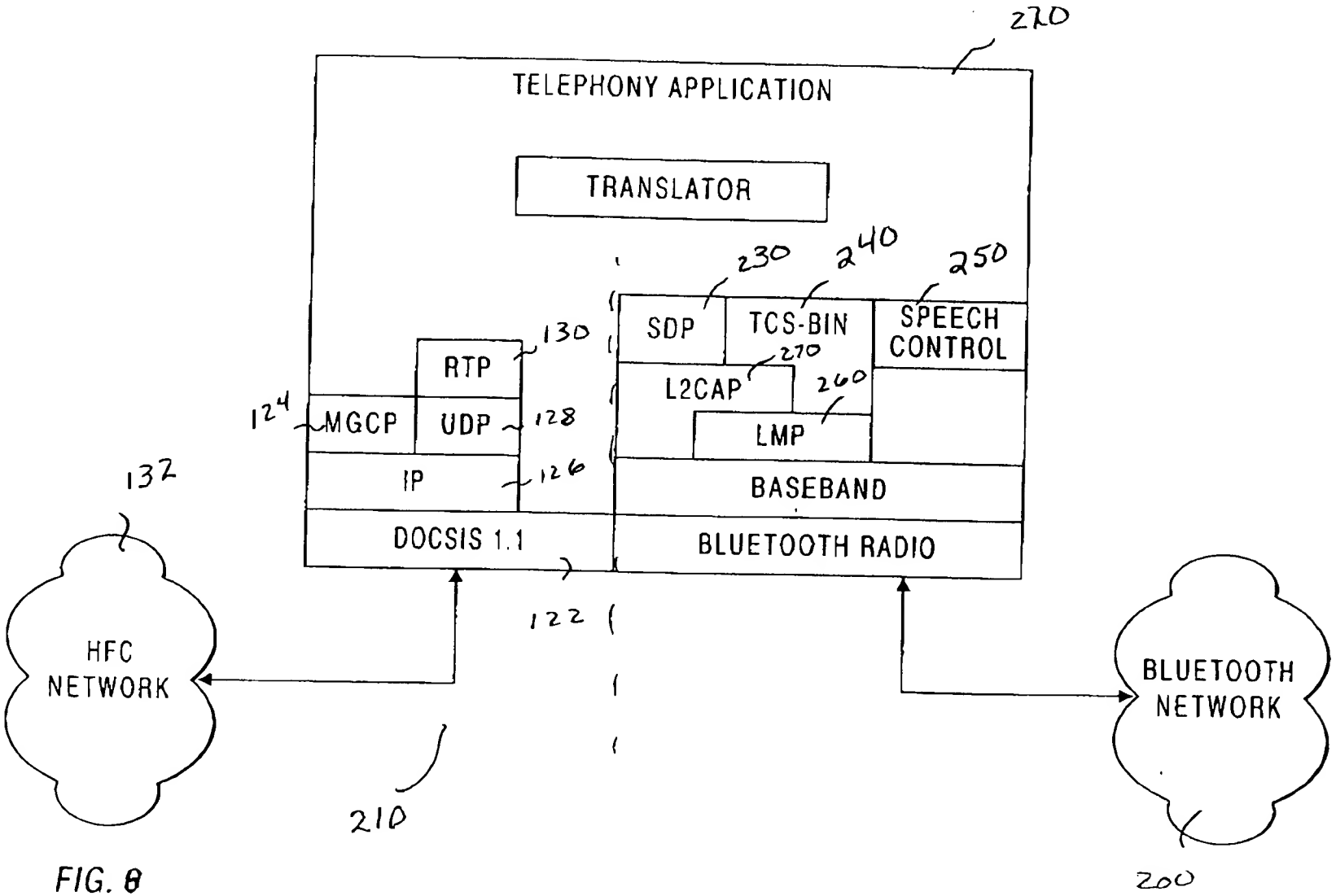


FIG. 7

BA= BANDWIDTH ALLOCATION
CA= CHANNEL ALLOCATION
IRM= ISOCHRONOUS RESOURCES MANAGER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TELEPHONY APPLICATION
TRANSLATOR
230
240
250
SDP
TCS-BIN
SPEECH CONTROL
270
L2CAP
260
LMP
130
RTP
124
MGCP
UDP
128
IP
126
BASEBAND
DOCSIS 1.1
BLUETOOTH RADIO
132
122
HFC NETWORK
BLUETOOTH NETWORK
210
200

FIG. 8

0062274 045250

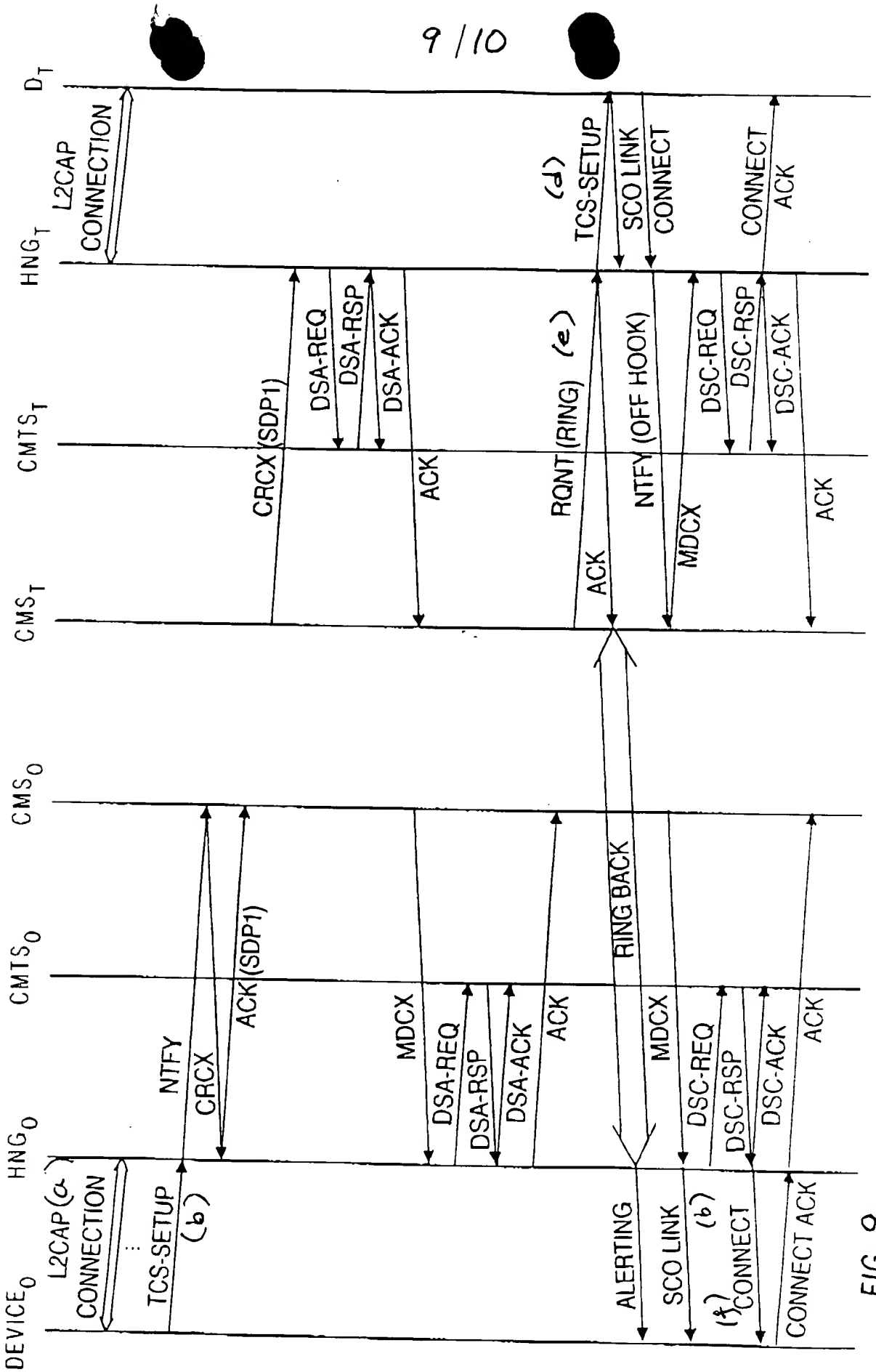

FIG. 9

0052270 0252560

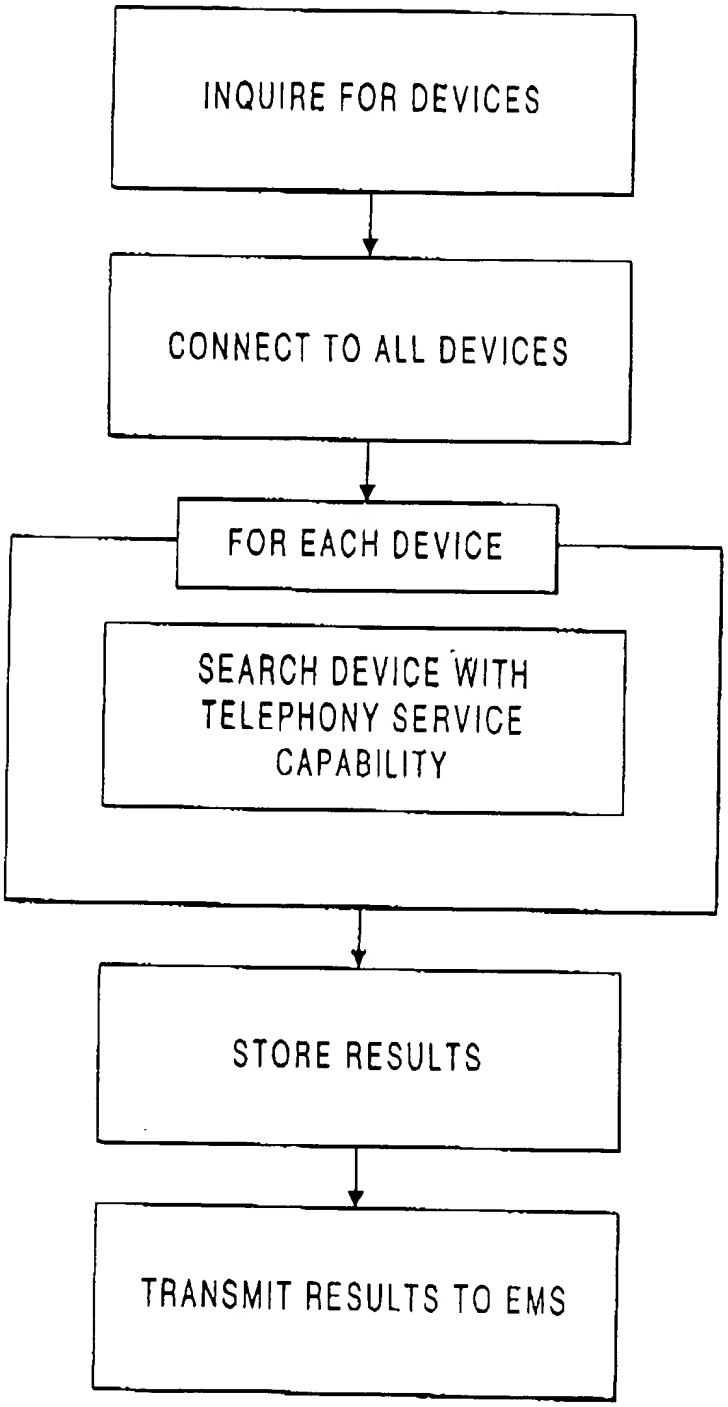

FIG. 10